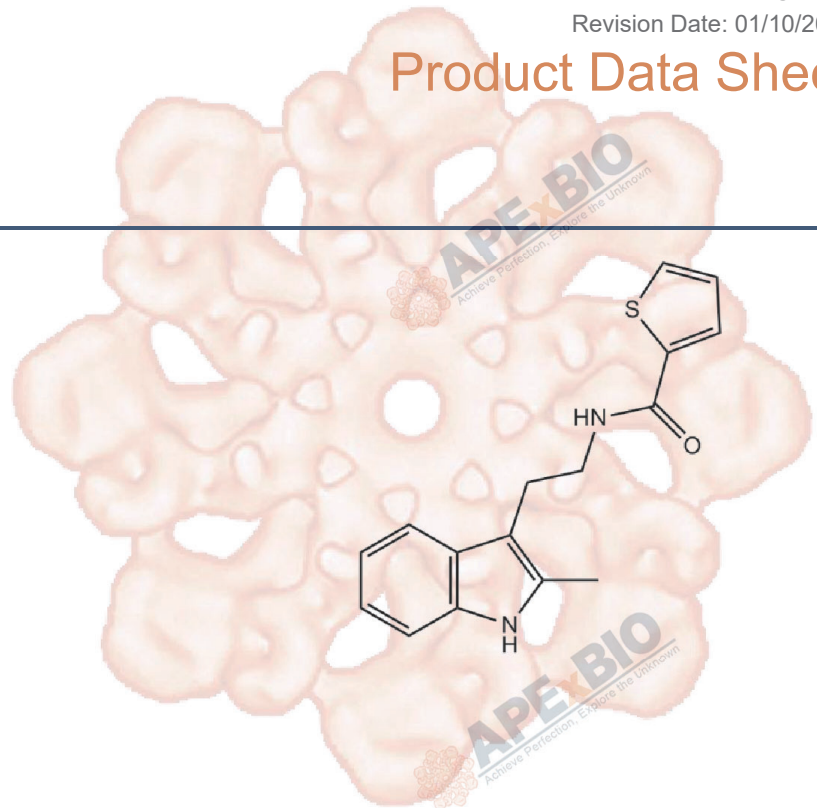


Product Data Sheet

CK-636

Cat. No.:	B3058
CAS No.:	442632-72-6
Formula:	C ₁₆ H ₁₆ N ₂ O ₂ S
M.Wt:	284.38
Synonyms:	
Target:	Cell Cycle/Checkpoint
Pathway:	Microtubule/Tubulin
Storage:	Store at -20°C



Solvent & Solubility

≥10.8 mg/mL in DMSO; insoluble in H₂O; ≥2.67 mg/mL in EtOH with gentle warming and ultrasonic

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		1 mM	3.5164 mL	17.5821 mL	35.1642 mL
		5 mM	0.7033 mL	3.5164 mL	7.0328 mL
		10 mM	0.3516 mL	1.7582 mL	3.5164 mL

Please refer to the solubility information to select the appropriate solvent

Biological Activity

Shortsummary	Arp2/3 complex inhibitor	
IC ₅₀ & Target		
In Vitro	Cell Viability Assay	
	Preparation method:	
In Vivo	Animal experiment	
	Applications:	

Product Citations

1. Nawaz-UI-Rehman MS, Prasanth KR, et al. "Viral Replication Protein Inhibits Cellular Cofilin Actin Depolymerization Factor to Regulate the Actin Network and Promote Viral Replicase Assembly. PLoS Pathog." 2016 Feb 10;12(2):e1005440.PMID:26863541

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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